

GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

I&CAD Department –Formulation of Tank Reliant Irrigation Area Development Project - Preparation of Tank Cascade System Development Project in Chittoor district on pilot basis– Appointment of four (4) consultants and also constitution of Expert Team to arrive at reasonable price of consultancies– Orders – Issued

IRRIGATION & C.A.D (MIN.IRR.III) DEPARTMENT

G.O. Ms. No.72

Dated:25-05-2011

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ORDER:

The Minor Irrigation happens to be a major source of Irrigation in significant areas of the state. District wise review of the share of tank irrigated area to net irrigated area shows that there are atleast 8 district which rely primarily on tank based irrigation. The share of tank irrigated area to net irrigated area is more than 50% in these 8 districts. The list of these districts is enclosed in Annexure. Experience of recent projects focusing on tank based irrigation like APCBTMP, APILIP and Pilot Project for RRR shows that there is a scope to improve the water harvesting, water use efficiency and productivity of tank based irrigation.

2. In the circumstances stated above, Government is considering to develop a Tank Reliant Irrigation Area Development (TRIAD) Project. The project will cover tank reliant areas of the State. Hence to gain further experience in the preparation of Detailed Project Report, Government desires to take up the comprehensive study of Minor Irrigation potential in Chittoor District on pilot basis. There is a long tradition of tank irrigation through chain of tanks in Chittoor District. Many of these tanks and chain of tanks have fallen into disuse due to poor maintenance. Chittoor District is largely dependent on tank irrigation system. The potential of tank irrigation systems through tanks cascade is not fully exploited. Recently about 52 new tank chains opportunities have been identified in Chittoor District and there is scope for new minor irrigation structures to improve the irrigation potential under Minor Irrigation tanks. Government decided to take up integrated study with the help of Remote Sensing Data, GIS and GPS instruments as well as conventional surface hydrology studies duly identifying the credible consultants for this purpose. The consultants should be able to complete the study in a short time.

(P.T.O)

3. Accordingly, review meetings regarding Tank Cascade System Development and taking stock of the present irrigation potential in Chittoor district were held on 2-4-2011, 7-4-2011 and 11-04-2011 by Prl. Secretary (Irrigation), I&CAD Department. In the meetings, it was decided to engage separate consultants for integrated study of the following four sub-basins in Chittoor District.

1. Pennar Sub-basin
2. Swarnamukhi Sub-basin
3. Palar Sub-basin
4. Kushustali-Akani-Kalangi(KAK) Sub-basin

4. As per the discussion in the above said meetings, Government after careful examination of the matter hereby appoint the following four consultants to entrust the work of integrated study of four sub basins on sole sourcing basis. Each consultant will be assigned one of the four sub-basins as mentioned below.]

	<u>Consultant</u>	<u>work entrusted</u>
i.	APSRAC:	Pennar Sub-basin
ii.	Sumadhura Geo-Metica Pvt. Ltd:	Swarnamukhi Sub-basin.
iii.	DHAN Foundation	: Palar Sub –basin.
iv.	Engineering Staff College of India:	KAK Sub-basin

5. The consultants shall be requested to give their quotation with respect to the sub basin assigned to them. Their estimate of total cost of the consultancy should be based on unit rates under the following headings. The estimate should include all costs including professional services, remuneration to resource person, travel expenses, report production expenses etc.

Sl No.	Particulars	Unit	Rate	Qty	Amount
1	Catchment Area Study				
2	Assignment of Minor Irrigation Sources				
3	Assignment of small tanks				
4	Assignment of tank chains				
5	% of point enhancement of irrigation potential of existing sources				
6	% of point enhancement of irrigation potential through new sources.				

6. The consultants shall be requested to give their estimate in sealed covers before a cut of date and time to be indicated by Commissioner, CAD. Their estimates will then be reviewed and compared by an expert team to discover a reasonable price.

7. Government also hereby constitute an expert team with the following members to evaluate the cost estimates from various consultants and recommend the reasonable price for each consultancy.

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| 1. | Director General, WALAMTARI | : Chairman |
| 2. | Special Commissioner, Command Area Development | : Vice Chairman |
| 3. | Chief Engineer, Minor Irrigation | : Member |
| 4. | Director, Ground Water Department | : Member |
| 5. | Chief Engineer, CAD | : Member Convener |

8. The Commissioner, Command Area Development, Hyderabad shall take necessary further action accordingly.

9. The Chief Engineer, Minor Irrigation, Hyderabad is also requested to submit a detailed report regarding feasibility of connecting the Telugu Ganga canal to the tanks.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

DR. PRASANTA MAHAPATRA
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Commissioner, Command Area Development Authority,
Jalasoudha, Errummanzil, Hyderabad.

The Chief Engineer, Minor Irrigation, Hyderabad.

The DG, WALAMTARI, Hyderabad

The Spl. Commissioner, CAD, O/o Commissioner, CAD, Jalasoudha
Buildings, Errummanzil, Hyderabad.

The Director, Ground Water Department.

Copy to:

The Spl. Chief Secy to C.M

Finance (Exp.PW-I) Dept.

P.S. to Minister for Minor Irrigation, APSIDC, Lift Irrigation, GWD &
WALAMTARI, Hyderabad.

P.S. to Prl. Secretary to Government., I & C.A.D. Department.

P.S to Spl. Secretary to Government, I&CAD Department.

SF/ SCs.

//FORWARDED:: BY ORDER//

SECTION OFFICER

Annexure to G.O Ms No.72 I&CAD (Min. Irr. III) Department,
Dt.25-05-2011

The list of 8 District having more than 50% of net ayacut area in irrigated under Minor Irrigation Sources to the total irrigated ayacut area in the Districts.

Sl No.	District	Major Irrigation ayacut in Acres	Medium Irrigation ayacut in Acres	Minor Irrigation ayacut in Acres	Total Ayacut in Acres	% of Minor Irrigation ayacut
1	2	3	4	5	6	7
1	Ranga Reddy	0	9200	125696	134896	93
2	Medak	0	27725	265266	292991	91
3	Vizianagaram	0	116261	288910	405171	71
4	Visakhapatnam	66000	49312	239277	354589	67
5	Chittoor	146000	21875	267213	435088	61
6	Srikakulam	190000	24710	339340	554050	61
7	Adilabad	34000	113405	170846	318251	54
8	Ananthapur	111000	40989	171697	323686	53

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